

Accountability

P.L.221-1999

and

Graduation Rate

Indiana's Education Roundtable

July 25, 2006

Federal and State Models Are Different

Indiana	NCLB
Performance of all students and improvement of cohort group of students over time	Performance of students in school from year to year compared to goal
Continuous improvement for all schools	Required increases for schools below state target
Comparison of schools to themselves	Comparison of schools to other schools
Degrees of improvement	Yes or No

NCLB – Every Cell At or Above Goal to Make AYP

	Eng/LA	Math	Other Indicator	95% Test in E/LA	95% Test in Math
Overall					
IEP					
LEP					
Econ Dis					
A. Indian					
Black					
Asian					
Hispanic					
White					

Public Law 221 Accountability

- School improvement and performance categories are based on:
 - ◆ Percentage of all students who pass English and math tests (averaged across subjects and grade levels).
 - ◆ Improvement in passing percentage of nonmobile cohort group of students (enrolled for 70% of school year, or 126 days).

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- Improvement ultimately is based on three-year rolling average.

Indiana School Improvement and Performance Categories

<u>Performance</u>	Exemplary Progress	Commendable Progress	Academic Progress	Academic Watch (Priority)	Academic Probation (High Priority)
$\geq 90\%$	Exemplary School				
$\geq 80\%$	$\geq 1\%$	Commendable School			
$\geq 70\%$	$\geq 3\%$	$\geq 2\%$	$\geq 1\%$	$< 1\%$	
$\geq 60\%$	$\geq 4\%$	$\geq 3\%$	$\geq 2\%$	$< 2\%$	
$\geq 50\%$	$\geq 5\%$	$\geq 4\%$	$\geq 3\%$	$\geq 0\%$	$< 0\%$
$\geq 40\%$	$\geq 6\%$	$\geq 5\%$	$\geq 4\%$	$\geq 1\%$	$< 1\%$
$< 40\%$		$\geq 6\%$	$\geq 5\%$	$\geq 3\%$	$< 3\%$
	<u>Improvement from Fall to Fall</u>				

Key Principle

- School with lower performance but strong improvement is placed in same category as school with higher performance and lower improvement.

Indiana School Improvement and Performance Categories

<u>Performance</u>	Exemplary Progress	Commendable Progress	Academic Progress	Academic Watch (Priority)	Academic Probation (High Priority)
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$\geq 80\%$	$\geq 1\%$	Commendable School			
$\geq 70\%$	$\geq 3\%$	$\geq 2\%$	$\geq 1\%$	$< 1\%$	
$\geq 60\%$	$\geq 4\%$	$\geq 3\%$	$\geq 2\%$	$< 2\%$	
$\geq 50\%$	$\geq 5\%$	$\geq 4\%$	$\geq 3\%$	$\geq 0\%$	$< 0\%$
$\geq 40\%$	$\geq 6\%$	$\geq 5\%$	$\geq 4\%$	$\geq 1\%$	$< 1\%$
$< 40\%$		$\geq 6\%$	$\geq 5\%$	$\geq 3\%$	$< 3\%$
	<u>Improvement from Fall to Fall</u>				

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$\geq 40\%$	$\geq 6\%$	$\geq 5\%$	$\geq 4\%$	$\geq 1\%$	$< 1\%$
$< 40\%$		$\geq 6\%$	$\geq 5\%$	$\geq 3\%$	$< 3\%$
	<u>Improvement from Fall to Fall</u>				

Key Terms

- “All Students” (used for performance measure) includes:
 - ◆ Students who finished the school year in the school (last school attended); and
 - ◆ Who have ISTEP results for the fall test that follows.

Key Terms

- Improvement in passing percentage of “nonmobile cohort group of students” (used for improvement measure) includes:
 - ◆ Students enrolled for 126 days.
 - ◆ Who have ISTEP results for test at the beginning of the school year; and
 - ◆ Who have ISTEP results for next test.

Key Terms

- “Pass English and Math Tests (averaged across subjects and grade levels)” means:

- ◆ English tests passed plus math tests passed;

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- ◆ English tests taken plus math tests taken.

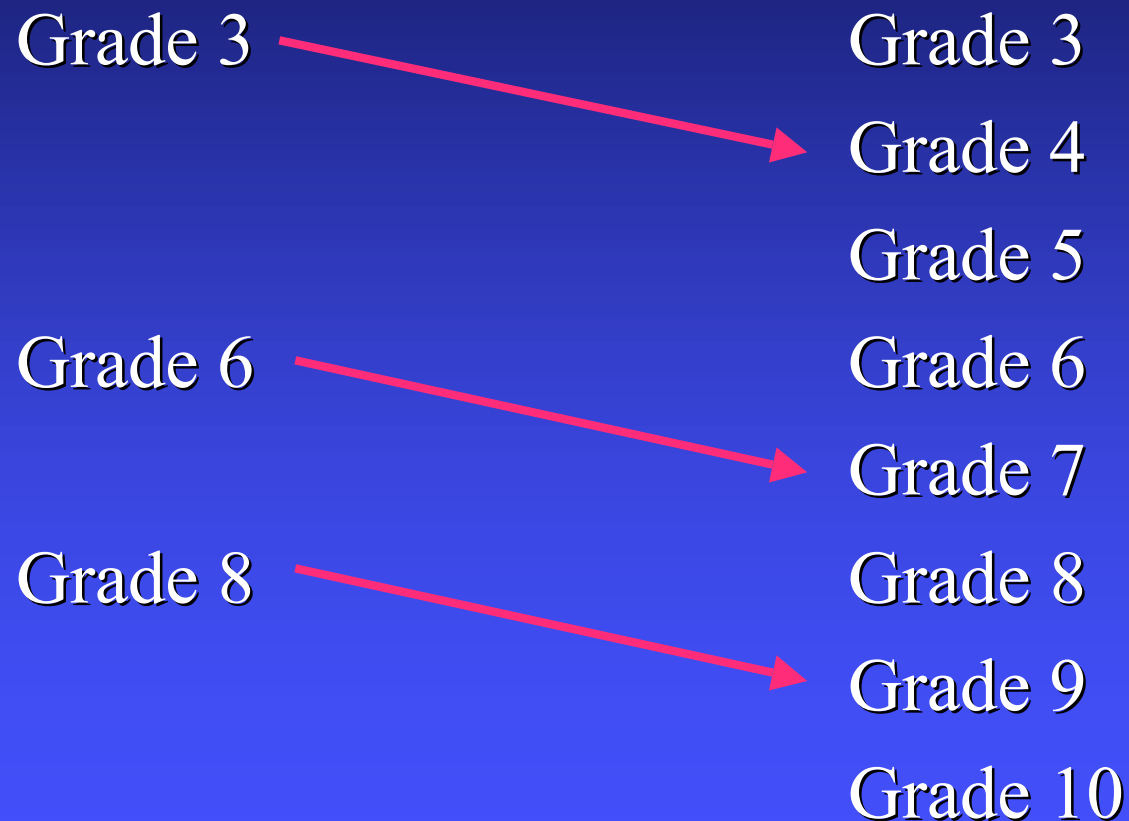
Improvement Calculation

- Improvement in passing percentage of nonmobile cohort group of students is calculated as follows:
 - ◆ Compute passing percentage for each year (averaged across subject and grade level).
 - ◆ Determine improvement from one year to next.

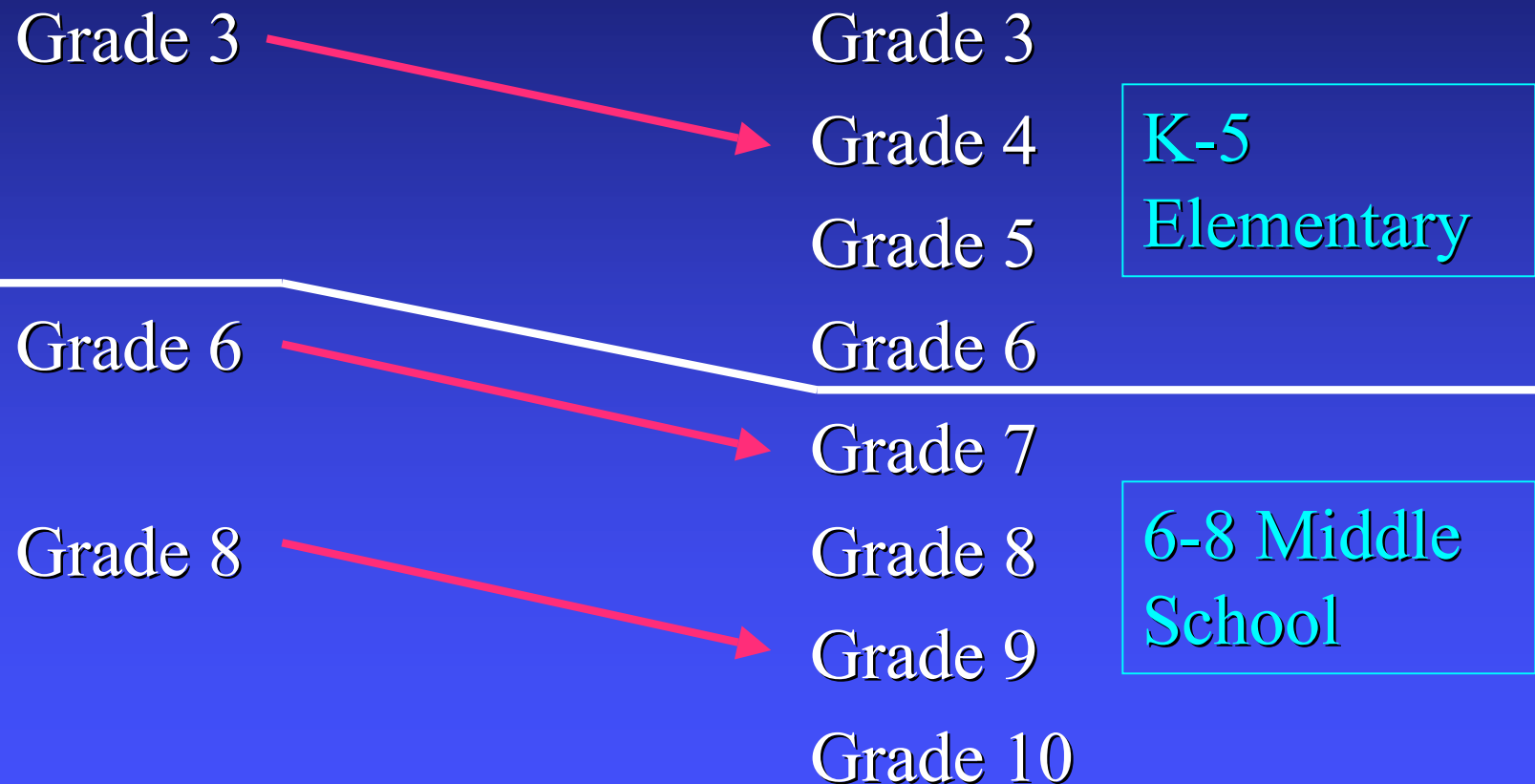
Improvement Calculation

- ◆ Determine average improvement for the period (initially two years for elementary and middle schools and one year for high schools; ultimately three years for all schools).
- ◆ Determine higher of average improvement for period or latest year-to-year improvement.

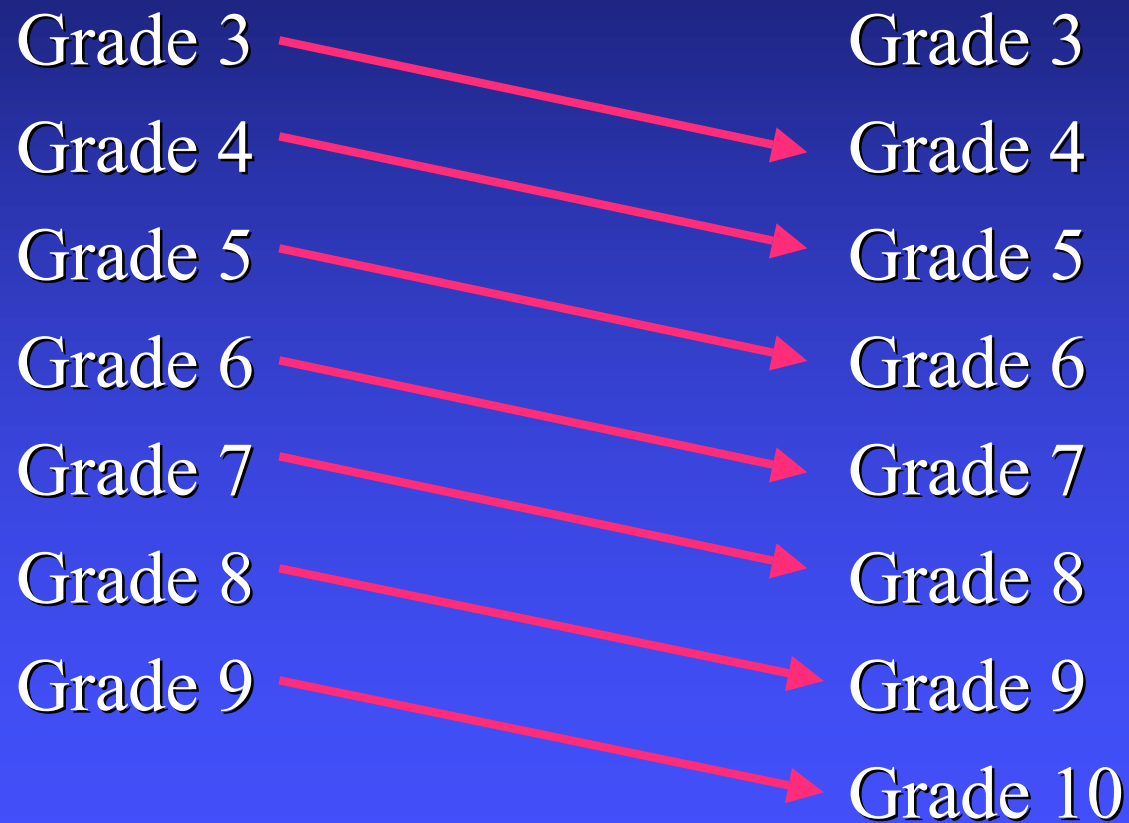
Improvement – Fall 2003 to Fall 2004



Improvement – Fall 2003 to Fall 2004



Improvement – Fall 2004 to Fall 2005



Improvement – Fall 2004 to Fall 2005



Category Placement Illustration

- Students in XYZ School have a 62% passing percentage on 2005 ISTEP.
- Nonmobile students' passing percentage increased by 2% from 2003 to 2004.
- Nonmobile students' passing percentage increased by 3% from 2004-2005.
- Average improvement for two-year period is 2.5% $[(3\% + 2\%)/2]$.

Category Placement Illustration

- Latest year-to-year improvement of 3% is higher than two-year average of 2.5%.

Indiana School Improvement and Performance Categories

<u>Performance</u>	Exemplary Progress	Commendable Progress	Academic Progress	Academic Watch (Priority)	Academic Probation (High Priority)
≥90%	Exemplary School				
≥80%	≥1%	Commendable School			
≥70%	≥3%	≥2%	≥1%	<1%	
≥60%	≥4%	≥3%	≥2%	<2%	
≥50%	≥5%	≥4%	≥3%	≥0%	<0%
≥40%	≥6%	≥5%	≥4%	≥1%	<1%
<40%		≥6%	≥5%	≥3%	<3%
	<u>Improvement from Fall to Fall</u>				

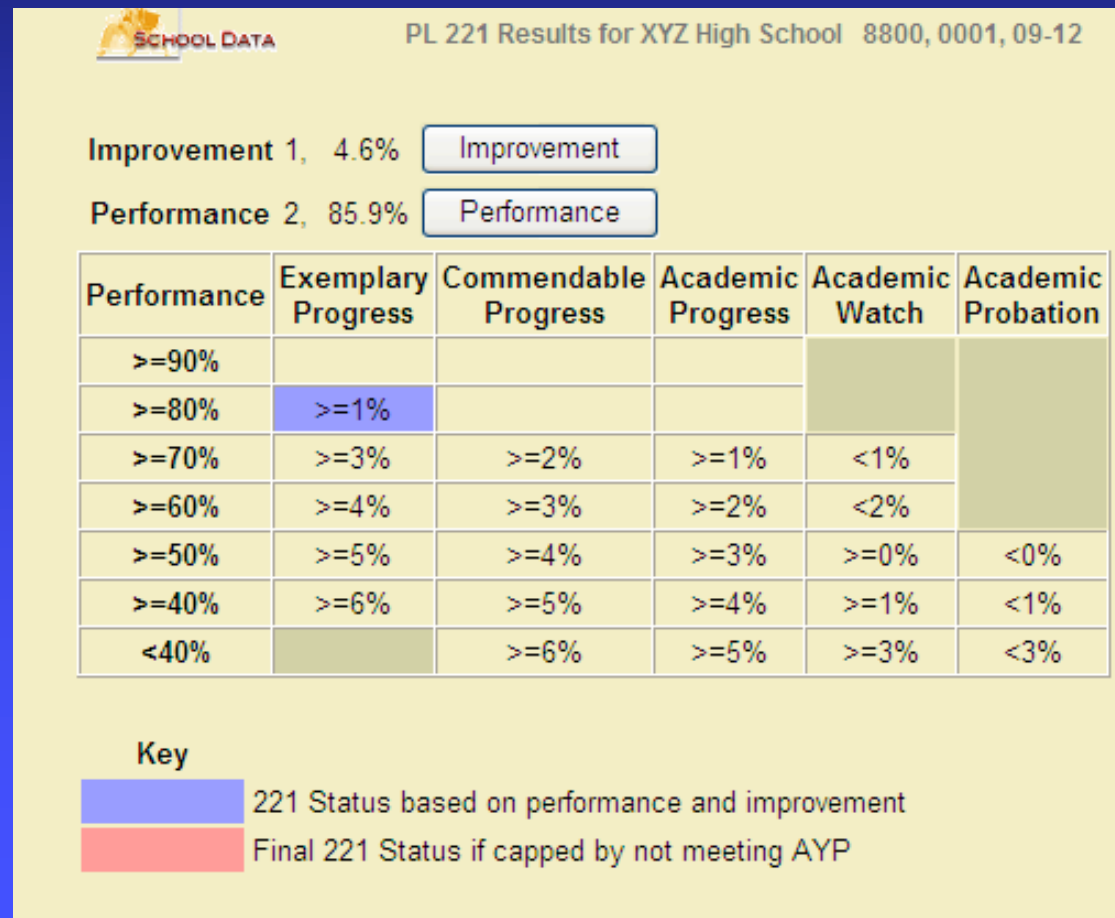
Indiana's Accountability System Must Incorporate AYP

State Board of Education rules provide that a school that does not make AYP for two consecutive years will be placed in a category no higher than “Academic Progress.” This incorporates AYP and disaggregated data into our state system.

Indiana School Improvement and Performance Categories for Schools Not Meeting AYP Goals

<u>Performance</u>	Exemplary Progress	Commendable Progress	Academic Progress	Academic Watch (Priority)	Academic Probation (High Priority)
≥90%	Exemplary School				
≥80%	≥1%	Commendable School			
≥70%	≥3%	≥2%	≥1%	<1%	
≥60%	≥4%	≥3%	≥2%	<2%	
≥50%	≥5%	≥4%	≥3%	≥0%	<0%
≥40%	≥6%	≥5%	≥4%	≥1%	<1%
<40%		≥6%	≥5%	≥3%	<3%
	<u>Improvement from Fall to Fall</u>				

School Made AYP - No Change to P.L. 221 Status



School Did Not Make AYP - No Change to P.L. 221 Status

SCHOOL DATA **PL 221 Results for XYZ Middle School 8800, 0002, PW-12**

Improvement 4, 1.9% **Improvement**

Performance 4, 69.1% **Performance**

AYP No

Performance	Exemplary Progress	Commendable Progress	Academic Progress	Academic Watch	Academic Probation
>=90%					
>=80%	>=1%				
>=70%	>=3%	>=2%	>=1%	<1%	
>=60%	>=4%	>=3%	>=2%	<2%	
>=50%	>=5%	>=4%	>=3%	>=0%	<0%
>=40%	>=6%	>=5%	>=4%	>=1%	<1%
<40%		>=6%	>=5%	>=3%	<3%

Key

221 Status based on performance and improvement

Final 221 Status if capped by not meeting AYP

School Did Not Make AYP - Change to P.L. 221 Status

SCHOOL DATA PL 221 Results for XYZ Elementary School 8800, 0003, PK-PK

Improvement 1, 5.4% **Improvement**

Performance 5, 55.1% **Performance**

AYP No

Performance	Exemplary Progress	Commendable Progress	Academic Progress	Academic Watch	Academic Probation
>=90%					
>=80%	>=1%				
>=70%	>=3%	>=2%	>=1%	<1%	
>=60%	>=4%	>=3%	>=2%	<2%	
>=50%	>=5%	>=4%	>=3%	>=0%	<0%
>=40%	>=6%	>=5%	>=4%	>=1%	<1%
<40%		>=6%	>=5%	>=3%	<3%

Key

221 Status based on performance and improvement

Final 221 Status if capped by not meeting AYP

Graduation Rate Calculation

- Old Rate – survival rate or percentage of students who did not drop out
- New Rate – four-year completion rate

New Graduation Rate Calculation, Class of 2006

- Grade 9 Enrollment in 2002-2003
(beginning cohort)

PLUS (students added to cohort)

- Transfers in who expect to graduate in 2005-2006
- Retained students who expected to graduate earlier but now expect to graduate in 2005-2006

New Graduation Rate Calculation, Class of 2006

PLUS (students added to cohort)

- Students who expected to graduate later, but graduate in 2005-2006

New Graduation Rate Calculation, Class of 2006

MINUS (students removed from cohort)

- Transfers to virtual school, public school, or nonpublic school, including home school
- Students who die or withdraw because of long term medical condition
- Detention or placement by criminal justice system or state agency

New Graduation Rate Calculation, Class of 2006

MINUS (students removed from cohort)

- Students who expected to graduate in 2005-2006 but who graduated earlier
- Students who cannot be located and who attended school in Indiana less than one year

New Graduation Rate Calculation, Class of 2006

- Students who cannot be located and who have been reported to the missing children clearinghouse
- High ability students who withdraw and who are full time college students in spring 2006

New Graduation Rate Calculation, Class of 2006

- Graduation Rate equals
 - ◆ 2005-2006 Graduates

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- ◆ 2005-2006 Cohort
- GED does not count
- Certificate does not count

New Graduation Rate Calculation

– Accountability

- School must have written proof students left school for one of the reasons that justifies removal from cohort (or proof of trying to locate missing students). If not, student is considered a dropout.
- If student cannot be located, Principal must send certified letter to last known address inquiring about student's whereabouts and status.

New Graduation Rate Calculation

– Accountability

- If student is not located after certified letter, Principal may report to State Attendance Officer.
- DOE computes estimated graduation rate (2005-2006 graduates divided by Grade 9 students 2002-2003). If reported rate varies from estimated rate by more than five percent, DOE must review data that are the basis for removing students from cohort.

New Graduation Rate Calculation

– Accountability

- If school cannot provide written proof that justifies removal from cohort, removed students must be added back to cohort, the graduation rate must be recalculated, the recalculated graduation rate must be published in the next annual performance report.
- State rate is estimated at around 71%.

Graduation Rate Summary – 2006 Cohort

SCHOOL DATA

Grad Rate: XYZ High School

Indiana Department of Education

cohort size=310, still in cohort or graduate=269	
Still in Cohort	269
Dropout	6
Unknown	26
Review Cohort Membership	2
Lower Grade Now	7
Reported on Mobility (no longer in cohort)	67
Enrolled < 1 Year in Indiana	14
Different School (different cohort now)	38

Highlighted Cells do not count in Graduation Rate

Name	Grad Rate	Cohort Ratio	03-04 Grade 12 to 03-04 Grads	04-05 Grade 12 to 04-05 Grads	Calculation
XYZ High School	0.7574	0.8677 = 269 / 310	0.8604	0.8853	Grad Rate = 0.8677 X (0.8604 + 0.8853)/2

Last Name	First Name	birth	status	Diff School	Dropout Date	Mobility Reason	Grade when entered cohort	Lastdate
ADKINS	JUSTIN	09/26/1987	Enrolled < 1 Year in Indiana				09	
ADKINS	RUSSELL	10/08/1985	Reported on Mobility (no longer in cohort)			19	11	
AILES	JENNIFER	07/04/1987	Unknown				09	10/01/02
AL-LAWATI	BASAYIR	11/15/1988	Still in Cohort				12	
ALCANTARA	ROGELIO	07/19/1986	Reported on Mobility (no longer in cohort)			19	09	
ALEXANDER	RYAN	10/23/1987	Still in Cohort				09	
ANDERSON	TYLER	06/04/1987	Reported on Mobility (no longer in cohort)			19	09	
ARNOLD	BRODY	02/25/1987	Still in Cohort				09	
AUSTIN	ASHLEY	09/07/1986	Unknown				09	06/13/05

Summary Table

SCHOOL DATA		Grad Rate: XYZ High School
cohort size=310, still in cohort or graduate=269		
Still in Cohort		269
Dropout		6
Unknown		26
Review Cohort Membership		2
Lower Grade Now		7
Reported on Mobility (no longer in cohort)		67
Enrolled < 1 Year in Indiana		14
Different School (different cohort now)		38
Highlighted Cells do not count in Graduation Rate		

Graduation Rate Proxy Calculation Table

Name	Grad Rate	Cohort Ratio
XYZ High School	0.7574	$0.8677 = 269 / 310$

03-04 Grade 12 to 03-04 Grads	04-05 Grade 12 to 04-05 Grads	Calculation
0.8604	0.8853	$\text{Grad Rate} = 0.8677 \times (0.8604 + 0.8853)/2$

Graduation Rate – Cohort List

Last Name	First Name	birth	status	Diff School	Dropout Date	Mobility Reason	Grade when entered cohort	Lastdate
ADKINS	JUSTIN	09/26/1987	Enrolled < 1 Year in Indiana				09	
ADKINS	RUSSELL	10/08/1985	Reported on Mobility (no longer in cohort)			19	11	
AILES	JENNIFER	07/04/1987	Unknown				09	10/01/02
AL-LAWATI	BASAYIR	11/15/1988	Still in Cohort				12	
BALLE	JOSHUA	08/20/1986	Dropout		01/18/05		09	
BAUCHERT	KELLY	04/21/1987	Different School (different cohort now)	1441			09	
BRIGGS	AARON	10/12/1987	Lower Grade Now				10	
PARKS	CARRIE	07/02/1989	Review Cohort Membership				09	